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| <b>UTILITY<br/>PATENT APPLICATION</b><br><br><b>TRANSMITTAL</b><br><br><i>(Only for original applications)</i> | Attorney Docket No. 1594.1248<br><br>First Named Inventor or Application Identifier:<br>Yun-Bong Chun<br><br>Express Mail Label No. |
| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning utility patent application contents.</i>     | ADDRESS TO:<br><b>Commissioner for Patents<br/>Box Patent Application<br/>PO Box 1450<br/>Alexandria, VA 22313-1450</b>             |

21905 U.S. PTO  
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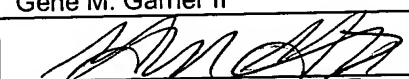
1. ☒ Fee Transmittal Form
2. ☒ Specification, Claims & Abstract .....[Total Pages: 16]
3. ☒ Drawing(s) (35 USC 113) .....[ Total Sheets: 7 ] [FIGS. 1, 2A, 2B, 3, 4, 5 and 6 ]
4. ☒ Oath or Declaration .....[ Total Pages: 1 ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))
    - i. ☐ **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) named in the prior application,  
 see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Verified Statement Claiming Small Entity Status
6. ☐ Application Data Sheet. See 37 C.F.R. 1.76
7. ☒ Applicant claims foreign priority benefit to: Korean Application 2003-1855 filed January 11, 2003
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies
10. ☐ For publication of assignee information under 37 CFR 1.215(b), list the assignee as Samsung Electronics Co., Ltd. of Suwon City, Republic of Korea. The Assignment papers will be filed later.

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| <b>ACCOMPANYING APPLICATION PARTS</b>   |
| 11. <input checked="" type="checkbox"/> Assignment (cover sheet & document(s)) to Samsung Electronics Co., Ltd. of Suwon City, Republic of Korea<br><input checked="" type="checkbox"/> for publication of assignee information under 37 CFR 1.215(b) |
| 12. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney  |
| 13. <input type="checkbox"/> English Translation Document (if applicable)   |
| 14. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations   |
| 15. <input type="checkbox"/> Preliminary Amendment  |
| 16. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  |
| 17. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)   |
| 18. <input type="checkbox"/> Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form<br>PTO/SB/35 or its equivalent  |
| 19. <input type="checkbox"/> Other:   |

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| <b>20. CORRESPONDENCE ADDRESS</b>  |
| <br><b>21171</b><br>PATENT TRADEMARK OFFICE |

18334 U.S. PTO  
09/29/03

S&H Form (2/02)

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|--|---|----------------------|---------------------|---|------------------|
| <b>NEW APPLICATION<br/>FEE TRANSMITTAL</b>   |   | Attorney Docket No.  | 1594.1248           |   |                  |
|  |   | Application Number   |                     |   |                  |
|  |   | Filing Date          | September 29, 2003  |   |                  |
|  |   | First Named Inventor | Yun-Bong Chun       |   |                  |
| AMOUNT ENCLOSED  | \$ 1000.00  |                      |                     |   |                  |
| <b>FEE CALCULATION</b> (fees effective 10/01/01)   |   |                      |                     |   |                  |
| CLAIMS   | (1) FOR   | (2) NUMBER<br>FILED  | (3) NUMBER<br>EXTRA | (4) RATE  | (5) CALCULATIONS |
|  | TOTAL CLAIMS  | 27 - 20 =            | 7                   | X \$ 18.00 =  | \$ 126.00        |
|  | INDEPENDENT<br>CLAIMS   | 4 - 3 =              | 1                   | X \$ 84.00 =  | 84.00            |
|  | MULTIPLE DEPENDENT CLAIMS (any number;<br>if applicable)                            |                      |                     | + \$280.00 =  |                  |
|  |   |                      |                     | BASIC FILING<br>FEE                                 | 750.00           |
|  |   |                      |                     | Total of above<br>Calculations =                    | \$ 960.00        |
|  | Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f))<br>(\$130.00)   |                      |                     |   |                  |
|  | Reduction by 50% for filing by small entity (37 CFR 1.27).                          |                      |                     |   |                  |
|  |   |                      |                     | TOTAL FILING<br>FEE =                               | \$ 960.00        |
|  | Surcharge for filing non-English language application (\$130.00;<br>37 CFR 1.52(d)) |                      |                     |   |                  |
|  |   |                      |                     | Recordation of Assignment (\$40.00; 37 CFR 1.21(h)) | 40.00            |
|  |   |                      |                     | TOTAL FEES<br>DUE =                                 | \$ 1000.00       |
| <b>METHOD OF PAYMENT</b>   |   |                      |                     |   |                  |
| <input checked="" type="checkbox"/> Check enclosed as payment.<br><input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below.<br><input type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time<br>(unless specifically required to obtain a filing date).   |   |                      |                     |   |                  |
| <b>GENERAL AUTHORIZATION</b>   |   |                      |                     |   |                  |
| <input checked="" type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby<br>authorized to credit any overpayment or charge any additional fees necessary to:  |   |                      |                     |   |                  |
| Deposit Account No.  |   | 19-3935              |                     |   |                  |
| Deposit Account Name   |   | STAAS & HALSEY LLP   |                     |   |                  |
| <input checked="" type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees<br>required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the<br>prosecution of this application, including any related application(s) claiming benefit hereof<br>pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or<br>continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any<br>such related application. |   |                      |                     |   |                  |
| SUBMITTED BY: STAAS & HALSEY LLP   |   |                      |                     |   |                  |
| Typed Name   | Gene M. Garner II   |                      |                     | Reg. No.  | 34,172           |
| Signature  |  |                      |                     | Date  | Sept. 29, 2003   |